## What is SNP-Ontology?

SNP-Ontology is a domain ontology that provides a formal representation (OWL-DL) of genomic variations. Despite its name, SNP-Ontology, is not limited to the representation of SNPs but it encompasses genomic variations in a broader meaning. SNP-Ontology is general enough to enable the representation of variations observed in genome of various species. Latest versions of SNP-Ontology include the representation of haplotype and of CNV. The unambiguous representation of genomic variations provided by SNP-Ontology enables to integrate heterogeneous data related to genomic variations. To achieve this goal SNP-Ontology enables (1) to represent one variation in accordance with various ways that exist for describing it, (2) to represent the equivalence between two distinct descriptions of one variation, and (3) to represent correspondence between a genomic variation and its outcome at the transcriptome and proteome levels.

## Discuss SNP-Ontology Terminology

Please go to the SNP-Ontology Discussion page to leave comments regarding the SNP-Ontology Terminology.

Examples of comments may include:

- How you are using this terminology
- Why you decided to use (or not use) this terminology
- Strengths or limitations of the terminology
- Comparisons to other similar terminologies

## Links

SNP-Ontology FAQ

SNP-Ontology Home Page